



## Antennas

Wireless Application: **GPS**Mounts To: **Vehicle Ceiling**Mounting Retention Type: **Adhesive**Antenna Connection Type: **Cable Assembly**Antenna Connector Type: **SMA Plug****Features****Product Type Features**

Antenna Connection Type	Cable Assembly
Antenna Connector Type	SMA Plug

**Configuration Features**

Number of Ports	1
Antenna Style	External
Antenna Type	Enclosure

**Electrical Characteristics**

VSWR (Max)	< 2.0:1
Impedance	50 $\Omega$
Active Antenna	Yes

**Signal Characteristics**

Frequency Band	1558 – 1615 MHz
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**Body Features**

Product Weight	110 g
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**Mechanical Attachment**



Region	Global by Region
Polarization	RHCP
Mounts To	Vehicle Ceiling
Mounting Retention Type	Adhesive

### Dimensions

Cable Length	3000 mm[118.11 in]
Product Length	49.14 mm[1.93 in]
Product Width	46.14 mm[1.81 in]
Product Height	15.94 mm[.62 in]

### Usage Conditions

Application by Region	GNSS - Global - 1559 – 1606 MHz, GNSS - Global - 1560 – 1602 MHz, GNSS - Global - 1570 – 1615 MHz, GNSS - Global - 1573 – 1577 MHz, GNSS - Global - L1 - 1575.4
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### Operation/Application

Wireless Standard	GPS
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### Industry Standards

Wireless Application	GPS
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### Packaging Features

Packaging Method	Bag & Box
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### Other

Precision Level	Standard
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## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUN 2020 (209) Candidate List Declared Against: JUN 2020 (209) SVHC > Threshold: Pb (3.05% in Component Part) Article Safe Usage Statements:



Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content

Not Low Halogen - contains Br or Cl > 900 ppm.

Solder Process Capability

Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

## Compatible Parts



TE Model / Part # 2032440-1  
C/A, UMCC TO SMA BHD JACK, 1.37 MM L200MM



TE Model / Part # 2337019-1  
UMCC Micro-Coax receptacle, Gen 1



TE Model / Part # 2032440-4  
C/A, UMCC TO SMA BHD JACK, 1.3



TE Model / Part # 2016682-4  
RF CA,SMA BK TO UMCC GEN1,1.13, L200MM



TE Model / Part # 2016694-2  
RF CA,SMA BULKHEAD TO UMCC IV, L100MM



TE Model / Part # 2334884-1  
UMCC Micro-Coax receptacle, Gen 4



TE Model / Part # 2016682-2  
RF CA,SMA BK TO UMCC GEN1,1.13, L100MM



TE Model / Part # 5-1814832-2  
SMA Str PCB Skt GZD



TE Model / Part # 5-1814400-2  
SMA R/A PCB Skt GZD



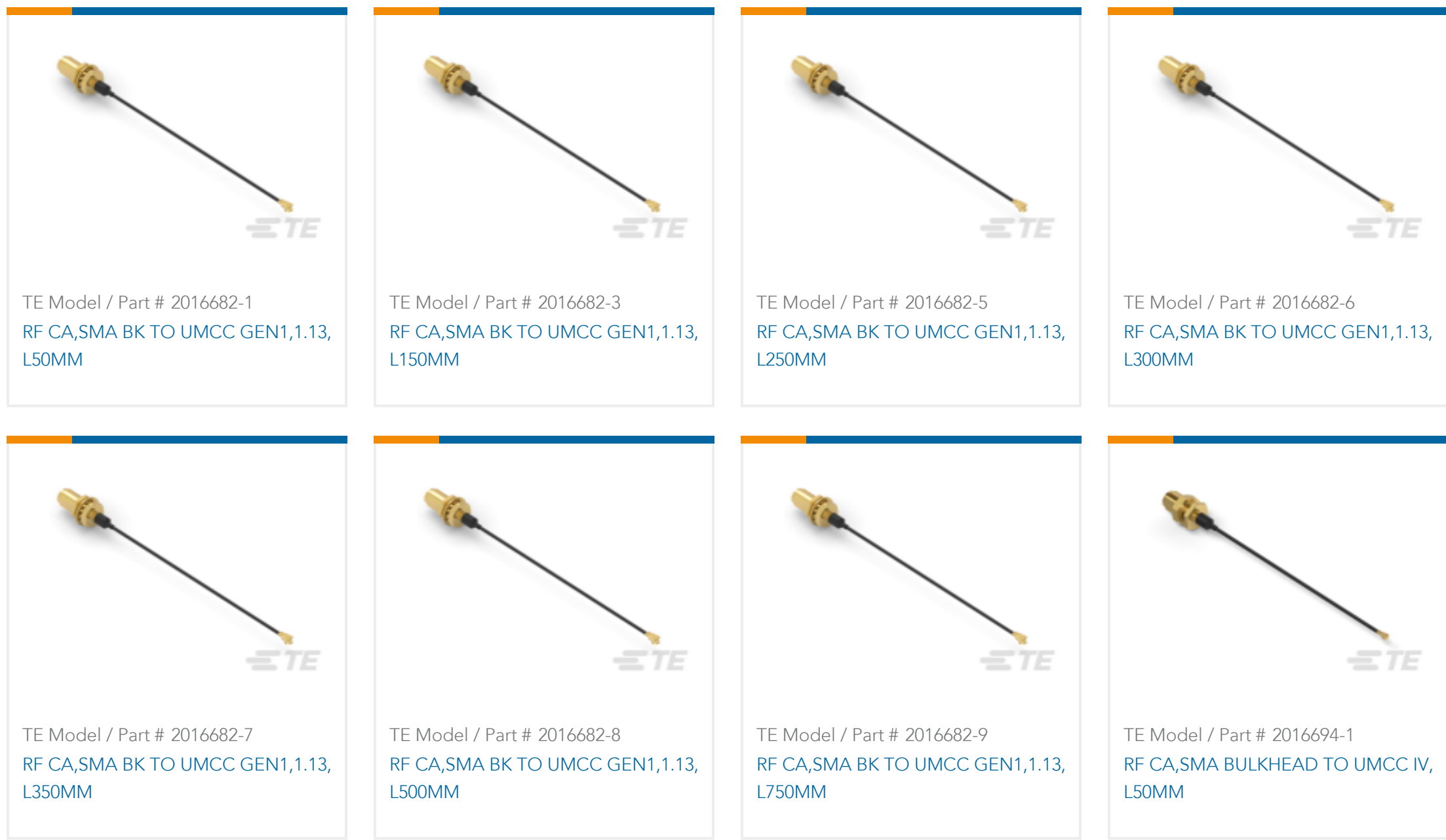
TE Model / Part # 2016694-4  
RF CA,SMA BULKHEAD TO UMCC IV, L200MM



TE Model / Part # 1-2016682-0  
RF CA,SMA BK TO UMCC GEN1,1.13, L1000MM



TE Model / Part # 1-2016682-1  
RF CA,SMA BK TO UMCC GEN1,1.13, L254MM



TE Model / Part # 2016682-1  
RF CA,SMA BK TO UMCC GEN1,1.13,  
L50MM

TE Model / Part # 2016682-3  
RF CA,SMA BK TO UMCC GEN1,1.13,  
L150MM

TE Model / Part # 2016682-5  
RF CA,SMA BK TO UMCC GEN1,1.13,  
L250MM

TE Model / Part # 2016682-6  
RF CA,SMA BK TO UMCC GEN1,1.13,  
L300MM

TE Model / Part # 2016682-7  
RF CA,SMA BK TO UMCC GEN1,1.13,  
L350MM

TE Model / Part # 2016682-8  
RF CA,SMA BK TO UMCC GEN1,1.13,  
L500MM

TE Model / Part # 2016682-9  
RF CA,SMA BK TO UMCC GEN1,1.13,  
L750MM

TE Model / Part # 2016694-1  
RF CA,SMA BULKHEAD TO UMCC IV,  
L50MM

### Customers Also Bought



TE Model / Part #1766600-2  
INSULATION BOOT,#2,RED



TE Model / Part #T4151410004-002  
M12 A-CODE FEMALE R/A SINGLE  
ENDED CABL



TE Model / Part #1062-16-0177  
DEUTSCH STAMPED & FORMED  
CONTACTS



TE Model / Part #1-1803017-1  
CRIMPER, INSULATION F



TE Model / Part #2500003-1  
SRC Pwr 36+12ACEG Female Recp  
Hsg Assy



TE Model / Part #5054014010  
RNF-100-1/16-8-SP



TE Model / Part #926472-1  
UNIV.M-N.L.CAP S.C.



TE Model / Part #2836322-2  
OCEAN-2.0-APPLICATOR-S-042F062F



TE Model / Part #CAR3SC00  
CAR RECPT DIN9680 3way



TE Model / Part #CAR3SC00WS  
CAR RECPT DIN9680 3way, w/o  
contacts

### Documents



### Product Drawings

[Ext Antenna,SMA,active,GNSS,1558-1615MHz](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2195774-1\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2195774-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2195774-1\\_A.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages

[1558 - 1615 MHz GNSS Active ANTENNA](#)

English